



ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ

ಅಧಿಕೃತವಾಗಿ ಪ್ರಕಟಿಸಲಾದುದು

ಸಂಪುಟ -೧೫೯
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ಬೆಂಗಳೂರು, ಸೋಮವಾರ, ೧೯, ಅಗಸ್ಟ್, ೨೦೨೪(ಶ್ರಾವಣ, ೨೮, ಶಕವರ್ಷ, ೧೯೪೬)
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ಭಾಗ ೪

ಕೇಂದ್ರದ ವಿಧೇಯಕಗಳು ಮತ್ತು ಅವುಗಳ ಮೇಲೆ ಪರಿಶೀಲನಾ ಸಮಿತಿಯ ವರದಿಗಳು,
ಕೇಂದ್ರದ ಅಧಿನಿಯಮಗಳು ಮತ್ತು ಅಧ್ಯಾದೇಶಗಳು, ಕೇಂದ್ರ ಸರ್ಕಾರದವರು ಹೊರಡಿಸಿದ
ಸಾಮಾನ್ಯ ಶಾಸನಬಧ್ಯ ನಿಯಮಗಳು ಮತ್ತು ಶಾಸನಬಧ್ಯ ಆದೇಶಗಳು ಮತ್ತು
ರಾಜ್ಯಪತ್ರಿಯವರಿಂದ ರಚಿತವಾಗಿ ರಾಜ್ಯ ಸರ್ಕಾರದವರಿಂದ
ಪುನಃ ಪ್ರಕಟವಾದ ಆದೇಶಗಳು

ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು ಶಾಸನ ರಚನೆ ಇಲಾಖೆ
ಅಧಿಸೂಚನೆ

ಸಂಖ್ಯೆ: ಸಂಪುಟ 09 ಕೇನಿಪ್ಪ 2024

ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 08.08.2024.

ದಿನಾಂಕ: 13.03.2024 ರಂದು ಭಾರತ ಸರ್ಕಾರದ ಗೆಜೆಟ್‌ನ ಲಿಂಗ್‌ಎ ಸಂಚಿಕೆಯ Part-II-
Section-3 Sub Section (i)ದಲ್ಲಿ ಪ್ರಕಟವಾದ the National Nursing and Midwifery Commission
(Annual Statement of Accounts, Submission of Annual Report and Other Reports and
Statements) Rules, 2024ರ Notification-GSR 188(E)ನ್ನು ಸಾರ್ವಜನಿಕರ ಮಾಹಿತಿಗಾಗಿ ಕರ್ನಾಟಕ
ರಾಜ್ಯಪತ್ರದಲ್ಲಿ ಮರು ಪ್ರಕಟಿಸಲಾಗಿದೆ,-

MINISTRY OF HEALTH AND FAMILY WELFARE**(Department of Health and Family Welfare)**

(NURSHING SECTION)

NOTIFICATION

New Delhi, the 13th March, 2024

G.S.R. 188(E).—Whereas, the National Nursing and Midwifery Commission (Annual Statement of Accounts, Submission of Annual Report and Other Reports and Statements) Rules, 2023 was published in the Gazette of India, Extraordinary, Part II, section 3, sub-section (i), dated the 17th November, 2023 *vide* notification number G.S.R.848 (E), dated the 17th November, 2023, in exercise of the powers conferred by sub-section(1) section 51 of the National Nursing and Midwifery Commission Act, 2023 (26 of 2023) inviting objections and suggestions from all the persons likely to be affected thereby within thirty days from the date on which the copies of the Official Gazette containing the said notification were made available to the public;

And whereas, copies of the said Official Gazette were made available to the public on 17th November, 2023;

And whereas, the objections and suggestions received from the public on the said draft rules within the period specified in the said notification have been considered by the Central Government;

Now, therefore in, exercise of the powers conferred by clauses (l), (m) and (n) of sub-section (2) of section 51 of the National Nursing and Midwifery Commission Act, 2023 (26 of 2023), the Central Government hereby makes the following rules, namely:—

1. Short title and commencement.— (1) These rules may be called the National Nursing and Midwifery Commission (Annual Statement of Accounts, Submission of Annual Report and Other Reports and Statements) Rules, 2024.

(2) They shall come into force from the date of their publication in the Official Gazette.

2. Definitions.— (1) In these rules, unless the context otherwise requires,—

(a) “Act” means the National Nursing and Midwifery Commission Act, 2023;

(b) “Board” means any of the Autonomous Boards constituted under section 16 of the Act;

(c) “Commission” means the National Nursing and Midwifery Commission constituted under section 3 of the Act.

(2) The words and expressions used herein but not defined and defined in the Act, shall have the meaning assigned to them in the Act.

3. Financial statements.— The Commission shall maintain its accounts and prepare annual financial statements in accordance with the instructions and accounting principles issued by the Comptroller and Auditor-General of India from time to time in this regard.

4. Incurring of expenditure by Commission.— Every officer of the Commission incurring or authorising expenditure from the National Nursing and Midwifery Commission Fund shall be guided by the standards of financial propriety and the General Financial Rules, 2017.

5. Annual statement of accounts.— (1) At the end of a period of twelve months ending with the 31st March of every year, the Commission shall an annual statement of accounts in the Forms specified in the **First Schedule** annexed to these rules, containing the following,

- (i) balance sheet;
- (ii) income and expenditure account;
- (iii) receipt and payment account.

(2) The annual statement of accounts shall be prepared in accordance with the notes and instructions for compilation of financial statements prescribed by the Central Government in the Ministry of Finance, Controller-General of Accounts.

(3) The annual statement of accounts prepared under sub-rule(1), shall be approved and adopted by the Commission and, for the purposes of authentication, be signed by the Chairperson and one Member of the Commission.

(4) The approved annual financial statements of the Commission shall be forwarded by the Commission to the Comptroller and Auditor-General of India or any other person appointed by him on his behalf within three months after the expiry of the year for the purposes of audit.

(5) The annual accounts of the Commission, as certified by the Comptroller and Auditor-General of India or any other person appointed by him in his behalf, together with the audit report thereon after adoption by the Commission shall be forwarded to the Central Government for laying before both the Houses of Parliament.

6. Submission of other reports and statements to Central Government.— The Commission shall submit the following information annually by the 30th June of every year in a portable document format (PDF) by electronic mode and forward two hard copies of the same by speed post to the Joint Secretary to the Government of India in-charge of the affairs of the National Nursing and Midwifery Commission in the Ministry of Health and Family Welfare, namely:—

- (a) policies for maintenance of quality and standards in nursing and midwifery education;
- (b) policies for regulating nursing institutions, nursing researches and nursing professionals;
- (c) assessment of requirements in healthcare including human resources for health and healthcare infrastructure and development of road map;
- (d) guidelines and policies for functioning of the Commission, the Autonomous Boards and the State Commissions;
- (e) compliance of guidelines by the State Commissions framed for their effective functioning under the provisions of the Act;
- (f) appeals received against Boards and decisions thereon;
- (g) compliance of professional ethics in nursing profession;
- (h) details of work carried out by the Autonomous Boards in respect of functions assigned to them;
- (i) details of recommendations made by Nursing and Midwifery Advisory Council;
- (j) details of foreign nursing qualifications for which recognition has been granted;

7. Submission of annual report.— (1) The Commission shall prepare once in every year an annual report in respect of the matters specified in the **Second Schedule** annexed to the rules.

(2) The Commission shall submit annual report to the Central Government by 30th September of every year in a portable document format by electronic mode and forward two hard copies of the same by speed post to the Joint Secretary to the Government of India in-charge of the affairs of the National Nursing and Midwifery Commission, the Ministry of Health and Family Welfare, Government of India.

THE FIRST SCHEDULE

[See rule 5(1)]

ANNUAL STATEMENT OF ACCOUNTS

FORM 1 SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

CORPUS/CAPITAL FUND	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
Net Opening Balance		
Add—Balance of net surplus/income transferred from the Income and Expenditure Account		
Add—Assets Capitalised during the year created from Earmarked Fund/Grant in aid		

Add:-Prior period adjustment—with Bombay Suburban Electric Supply(BSES)		
Less Registration Fee		
Less Inspection Fee		
Add: Prior period adjustment—RMG Advance		
Less:-Net assets written off during the year		
Add:-Capital Work in progress		
Less:-Capital work in progress transferred to Assets A/c		
Add:-Amount realised on account of sale/dispose of/recovery of the cost of assets items		
Amount transferred to Balance Sheet		

FORM 2

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

RESERVE AND SURPLUS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
Capital Reserve:		
As per last Account Addition during the year Less: Deductions during the year		
Revaluation Reserve:		
As per last Account Addition during the year Less: Deductions during the year		
Special Reserves:		
As per last Account Addition during the year Less: Deductions during the year		
General Reserve:		
As per last Account Addition during the year		
Less: Deductions during the year		
Amount transfer to Balance Sheet		

FORM 3 (A)

EARMARKED/ENDOWMENT FUNDS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Opening balance of the funds (i) Building Fund (b) Additions to the Funds: Grants-in-aid/Corpus Contributions Interest on Investments made on account of funds Add: Accrued interest on fixed deposit Less: Accrued interest opening balance Other additions (specify nature) (i) Security Deposit (ii) Earnest Money (iii) Miscellaneous Receipts		
TOTAL(a+b)		
(c) Utilisation/Expenditure towards objectives of funds I. Capital Expenditure -Fixed Expenditure (i) Civil Work (ii) Architect Services (iii) HVAC (iv) Interior (v) Electric Installation (vi) Water/Sewage (vii) Elevator (viii) Fire Safety Equipment (ix) Conference/Communication system (x) Furniture and Fixtures (xi) Miscellaneous Assets		
Total		
II Revenue Expenditure Other Administrative Expenses (i) Sundries (ii) Insurances (iii) Travelling Expenses (iv) Water and Sewerage (v) Electrical Charges (vi) Bank Charges (vii) Rand M(FFS)		
Total		

III Refunds/Adjustments		
EMD Security Deposit		
TOTAL		
NET BALANCE AS ON THE YEAR END (a+b+c)		
<p>Note 1: Disclosures shall be made under relevant heads based on conditions attaching to the grants</p> <p>Note 2: Plan Funds received from the Central/State Governments are to be shown as separate Funds and not to be mixed up with any other funds.</p>		

FORM 3 (B)

EARMARKED/ENDOWMENT FUNDS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Opening balance of the funds (i) Workshop Fund		
(b) Additions to the Funds: (i) Grants-in-aid/Corpus Contributions (ii) Interest on Investments made on account of funds (iii) Accrued interest on fixed deposit (iv) Less Accrued interest on FDR opening balance		
(c) Other additions(specify nature) (d) Deduction		
TOTAL (a+b+c)-(d)		
(e) Utilisation/Expenditure towards objectives of funds		
I. Capital Expenditure		
II Revenue (i) Expenditure (ii) Salary (iii) Travelling Expenses (iv) Bank Charges		
TOTAL		
NET BALANCE AS ON THE YEAR END (a-b)		
Grand Total of Schedule 3(A)+3(B) Transfer to Balance Sheet		

FORM 4

SECURED LOANS AND BORROWINGS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Central Government		
2. State Government		
3. Financial Institutions		
(a) Term Loans (b) Interest accrued and due		
4. Banks: (a) Term Loans -Interest accrued and due (b) Other Loans -Interest accrued and due		
5. Other Institutions and Agencies		
6. Debentures and Bonds		
7. Others		
TOTAL Transfer to Balance Sheet		

FORM 5

UNSECURED LOANS AND BORROWINGS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Central Government		
2. State Government		
3. Financial Institutions		
4. Banks		
(a) Term Loans		
(b) Other Loans		
5. Other Institutions and agencies		

6. Debentures and Bonds		
7. Fixed Deposits		
8. Others		
TOTAL transfer to Balance Sheet		

FORM 6

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

DEFERRED CREDIT LIABILITIES:	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Acceptances secured by hypothecation of capital equipment and other assets		
(b) Others		
TOTAL Transfer to Balance Sheet		

FORM 7

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

CURRENT LIABILITIES AND PROVISIONS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
A. CURRENT LIABILITIES		
1. Acceptances		
2. Sundry creditors:		
(a) Bank Guarantees of Colleges		
(b) Others(Security Deposit)		
3. Advances Received		
(i) Inspection Fee PG		
(ii) Inspection Fee UG		
(iii) Registration Fee		
(iv) Addl. Qualification Fee		

<p>(v) Certificate Of Good Standing Fee</p> <p>(vi) Eligibility Certificate</p> <p>4. Interest accrued but not due on:</p> <p>(a) Secured Loans/borrowings</p> <p>(b) Unsecured Loans/borrowings</p> <p>5. Statutory Liabilities:</p> <p>(a) Overdue</p> <p>(b) Others</p> <p>6. Other Current Liabilities</p> <p>CGHS</p> <p>Legal Charges</p> <p>Honorarium/Assistance</p> <p>Advertisement Charges</p> <p>Dearness Allowance Tuition</p> <p>Fee</p> <p>NPS</p> <p>Seminar and Workshop</p> <p>Purchase of Furniture and Fixture R and M Communication System</p> <p>Postage</p> <p>Telephone Labour</p> <p>Cess</p> <p>R and M Elevator</p> <p>Re imbursement of Medical Claims</p> <p>R and M Furniture and Fixture</p> <p>TA to General Body</p> <p>Hospitality Charges</p> <p>Sundry charges</p> <p>Electricity/Water charges</p> <p>TA/DA to Inspectors CME bills</p> <p>Rent Rate and Taxes</p> <p>R and M Building</p> <p>Repair and Maintenance Copier and Printer</p> <p>Wages</p>		
<p>TOTAL (A)</p>		
<p>B PROVISIONS</p> <p>1. For Taxation</p>		

2. Gratuity		
3. Superannuation/Pension		
4. Accumulated Leave Encashment		
5. Trade Warranties/Claims		
6. Others(Specify) Audit Fee		
7. Printing and Revised of IMR		
TOTAL(B)		
Grand Total(A+B) Transfer to Balance Sheet		

FORM 8**SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31.03....**

FIXEDASSETS								Amount in Rs.			
	GROSSBLOCK				DEPRECIATION						
DESCRIPTION	Cost /Valuation at Beginning of the year	Addition	Deduction	Cost /Valuation at the year end	At the beginning of the year	Addition	Deduction	Total	As on31.03.. (current year)	As on31.03.. (previous year)	
(1)	(2)	(3)	(4)	(5)	(6)	(7A)	(7B)	(8)	(9)	(10)	(11)
A. FIXEDASSETS											
1.Leasehold Land											
2 (a) Building (Office)											
(b) Building Guest House)											
3.General/Electrical installations											
4.Vehicles											
5. Furniture and Fixtures											
6. Office Equipment											
7. Computer/ Peripherals											
8. Communication and Conference Systems											
9.Books											
10. Heating and Cooling Equip											
11. Other Fixed Assets											
12.Fire Safety Assets											
13.Elevator Machinery											
14.Tube well and Water Sewage											
TOTAL (CURRENT YEAR)											
TOTAL (Previous Years)											
B. Capital Work in Progress											
Total(A)+(B)Transfer to Balance Sheet											

Depreciation charged in column (3) for six months or more and full rate and Less than six month at half rate

FORM 9

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03....

INVESTMENTS FROM EARMARKED/ENDOWMENT FUND	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Other Government Securities		
2. Other approved Securities		
3. Shares		
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Accrued Interest on Fixed Deposit Receipts		
7. Others(to be specified)		
TOTAL		

FORM 10

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03....

INVESTMENTS-OTHER	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Other Government Securities		
2. Other approved Securities		
3. Shares		
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6.. Others(to be specified)		
TOTAL Transfer to Balance Sheet		

FORM 11

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03....

CURRENT ASSETS, LOANS, ADVANCES ETC.	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
A CURRENTASSESTS:		
1. Inventories:		
(a) Stores and Spares		

(b) Loose Tools		
(c) Stock-in-trade		
Finished Goods Work-in- Progress Raw Material		
2. Sundry Debtors:		
Debts Outstanding for a period exceeding six months		
Others—Inspection Fee UG		
Others—Inspection Fee PG		
3. Postage Stamp in hand 31st March		
4. Cash balance in hand (including cheques/drafts and imprest)		
5. Bank Balances:		
(a) With Scheduled Banks:		
On Saving Accounts (Grant in aid)		
On Deposit Accounts		
On Savings Accounts (Own Resources)		
(b) With Non-Scheduled Banks:		
-On Current Accounts		
-On Deposit Accounts		
-On Savings Accounts		
6. Post Office—Savings Accounts		
TOTAL (A)		
B. LOANS, ADVANCES AND OTHER ASSETS		
1. Loans:		
(a) Loan/Advance to staff		
Motor Car/Scooter Advance Computer advance		
Festival Advance		
Cycle Advance		

House Building Advance		
TA Advance		
Contingent Advance		
(b) Advance to Other Entities engaged in activities/objectives Similar to that of the Entity		
Returning Officer RMG Constituency Advertisement Advance Other (Specify)Advance to Contractors CME Hosting Institutions		
2. Advances and other amounts recoverable in cash or ink indoor for value to be received:		
(a) On Capital Account		
(b) Prepayments For Communication System		
(c) Other Advances To BSES (Adjustment of Tariff Rate)		
(d) Security Deposits		
3. Income Accrued (Interest):		
(a) On Fixed Deposit (Own Resources)		
(b) On Investments—Others		
(c) On Loans and Advances		
(d) Others(BSES)		
4. Prepaid Expenses		
India International Centre BSES Sundries Charges		
5. Claims Receivable		
Total(B)		
Grand Total(A+B) Transfer to Balance Sheet		

FORM 12
SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

INCOME FROM SALES/SERVICES	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Income from Sales		
(a) Sale of Publications		
(b) Sale of Form(Tender Form)		
(c) Sale of Old Articles/News Papers etc.		

2. Income from Services		
(a) Labor and Processing charges		
(b) Professional Consultancy Services		
(c) Agency Commission and Brokerage		
(d) Maintenance Services(Equipment/Property)		
(e) Others(Specify)		
TOTAL Transfer to Income and Expenditure A/c		

FORM 13

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

GRANTS/SUBSIDIES	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Grant in aid		
(a) Opening balance		
(b) Received during the year		
(c) Less Capitalized during the year		
TOTAL(a+b-c)		

FORM 14

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

FEES/SUBSCRIPTIONS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
1. Seminar/Program Fees		
2. Consultancy Fees		
3. Entrance Fees		
4. Inspection Fees—Annual and Others		
5. Inspection Fee		
(a) Add Inspection Fee received in advances During previous year(UG)		
(b) Fee receivable for Current Year—UG		
(c) Fee receivable for Current Year—PG		
(d) Less Outstanding inspection fee received in the year		
TOTAL (1)		
Various Inspection Fee		

TOTAL(2)			
6. OTHERS (Specify) (a) Migration (b) Eligibility Certificate (c) Elective Training (d) Certificate of Good Standing (e) Registration Certificate (f) Additional Qualification Certificate			
TOTAL (3)			
TOTAL(1+2+3)Transfer to Income and Expenditure A/c			

FORM 15
SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

INCOME FROM INVESTMENTS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(Income on Investment from Earmarked/Endowment Funds transferred to Funds)		
1. Interest (a) On Government Securities (b) Other Bonds/Debentures		
2. Dividends: (a) On Shares (b) On Mutual Fund Securities		
3. Rents		
4. Others(Specify)		
TOTAL Transfer to Income and Expenditure		

FORM 16

SCHEDULE FORMING PART OF INCOME And EXPENDITURE A/C AS ON31-03.....

INCOME FROM ROYALTY, PUBLICATION ETC.	CURRENTYEAR	PREVIOUS YEAR
(1)	(2)	(3)
(1) Income from Royalty		
(2) Income from Publications		

(3) Others (specify)		
TOTAL Transfer to Income and Expenditure A/c		

FORM 17

SCHEDULE FORMING PART OF INCOME and EXPENDITURE A/C AS ON 31-03.....

INTEREST EARNED (1)	CURRENT YEAR (2)	PREVIOUS YEAR (3)
1. On Term Deposits: (a) scheduled Banks With Interest received during the year Add Accrued interest Add interest(BSES) Less Accrued Interest Op.Balance) (b) With Non-Scheduled Banks (c) With Institutions (d) Others		
Total(1)		
2. On savings Accounts: (a) With Scheduled Banks(GRT) (b) With Scheduled Banks(Own Resources) (c) Post Office Savings Accounts (d) Others		
Total(2)		
3. On Loans: Employees/Stiffs (i) Interest on Car/Scooter Advance (ii) Interest on HBA (iii) Interest on Fan Advance (iv) Computer Advance (v) Cycle Advance (vi) other advance		
Total(3)		

4. Accrued Interest on Loans and Advances to Employees			
(i) Car Advance			
(ii) Scooter Advance			
(iii) House Building Advance			
(iv) Computer Advance			
(v) Any other Advances(specify)			
Total (4)			
Less : Accrued Interest- Op. Bal.			
5. Interest on Debtors and Other Receivables (G.P. Fund)			
Total (5)			
Grand TOTAL (1+2+3+4+5) Transfer to Income and Expenditure A/c			
Note: No Income Tax has been deducted at source by Bank			

FORM 18

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

OTHER INCOME	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
Profit on sale/disposal of Assets:		
(a) Owned assets		
(b) Assets acquired out of grants, or received free of cost		
Export Incentives realized		
Fees for Miscellaneous Services		
4. Miscellaneous Income/Receipts		
(a) Fee for Other Registration Certificate etc.		
(b) Postage		
(c) Quarter Rent		
(d) Fee under RTI Act		

(e) Building Rent (f) Receipt from Other Parties		
(g) Sundries Receipt(GRT) (h) Provision of Revision of IMR(w/off)		
TOTAL Transfer to Income and Expenditure A/c.		

FORM 19

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

INCREASE (DECREASE) IN STOCK OF FINISHED GOODS and WORK IN PROGRESS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Closing Stock (i) Finished Goods (ii) Work in Progress		
(b) Less: Opening Stock (i) Finished Goods (ii) Work in Progress		
NET INCREASE/(DECREASE) (a-b) Transfer to Income and Expenditure A/c.		

FORM 20

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

ESTABLISHMENT EXPENSES	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Salaries and Wages		
(b) Allowances and Bonus		
(c) Contribution to Provident Fund		
(d) Contribution to Other Fund (Pension)		
(e) Staff Welfare Expenses		

(f) Expenses on Employees' Retirement and Terminal Benefits (Encashment of Leave)		
TOTAL (A)		
(g) Others (specify) Outstanding bills payable Add:-		
Outstanding bills payable Honorarium / Secretarial Assistance Wages		
LTC		
DA		
Medical Claim		
Tuition Fee		
Encashment of Leave		
CGHS		
NPS		
(h) Provision		
Gratuity		
Accumulated Leave Encashment		
Trade Warranties/Claims		
Total (B)		
Total (C) Less: Opening Balance Bills Payable		
Grand Total (A)+(B)-(C) Transfer to Income and Expenditure A/c.		

FORM 21

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03.....

ADMINISTRATIVE EXPENSES	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
Electricity and Water Charges		
Insurance		
Repairs and maintenance		
Rent, Rates and Taxes		
Vehicles Running and maintenance		

Printing		
Stationery		
Travelling and Conveyance Expenses		
Expenses on Seminar / Workshop Auditors Remuneration (Fee)		
Hospitality Expenses		
Legal/Professional Charges		
Advertisement		
RMG		
Election		
Telephone		
Postage		
E-Governance Project		
Bank Charges (Own Resources)		
Sundries charges		
Membership to Other Bodies Labour Cess		
R and M Communications		
TA/DA to Inspectors		
Purchase of Furniture and Fixture		
Repairs and Maintenance of Furniture and Fixture		
Repairs and Maintenance of Elevator		
Repairs and Maintenance of Building		
TOTAL		
Less: Opening Balance Outstanding bills payable		
Add: Provision for Audit Fee for the year		
Add: Opening stock of postage stamps Less:		
Closing stock of postage stamps		
Less: Provision for Audit Fee—Opening balance		
Grand Total Transfer to Income and Expenditure A/c		

FORM 22
SCHEDULE FORMING PART OF INCOME and EXPENDITURE A/C AS ON 31-03....

EXPENDITURE ON GRANTS SUBSIDIES ETC.	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
(a) Grants given to institution/Organizations		
(b) Subsidies given to institution/Organizations		
TOTAL Transfer to Income and Expenditure A/c.		

Note: Name of the entities, their activities along with the amount of grants/ subsidies are to be disclosed.

FORM 23

SCHEDULE FORMING PART OF INCOME and EXPENDITURE A/CAS ON 31-03....

INTEREST	CURRENT YEAR	PREVIOUSYEAR
(1)	(2)	(3)
(a) On Fixed Loans		
(b) On Other Loans (including Bank Charges)		
(c) Others(specify)		
TOTAL Transfer to Income and Expenditure A/c.		

FORM 24
SCHEDULE FORMING PART OF INCOME and EXPENDITURE A/C AS ON 31-03....

EXPENDITURE FROM GRANTS	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)
Grant in Aid		
(a) Continuing Medical Education (b) Revision and Printing of IMR (c) Purchase of equipments (d) Add: Advance Recovered CME Add: Outstanding CME Bills payable Less: Advance Paid for CME		
Less: Outstanding—CME Bills paid for Provisions: Printing and Revision of IMR		
Less: provision of Revision of IMR		
TOTAL Transfer to Income and Expenditure A/c.		

FORM 25

SHEDULE FORMING PART OF INCOME and EXPENDITURE A/C AS ON 31stMarch.....

Any other payments- Advances and Pre paid expenses	Current Year	Previous Year
(1)	(2)	(3)
Car/Scooter Advance		
Festival Advance		
House Building Advance		
Rent Rate and Taxes		
RMG Election		
Membership to other bodies		
Communication System Advance		
Computer Advance		
Insurance		
Pre paid cycle Advance		
Sundries charges		
Total		

FORM 26

SHEDULE FORMING PART OF INCOME and EXPENDITURE A/C AS ON 31st March.....

ANY OTHER RECEIPT- RECOVERY/ADJUSTMENT OF ADVANCE/PRE PAID AND PRE-PAID EXPENSES	CURRENTYEAR	PREVIOUS YEAR
(1)	(2)	(3)
House Building Advance- recovery		
Computer Advance- recovery		
Election Advance Adjusted		
Festival advance -Recovery		
Cycle Advance- Recovery		
Car scooter Advance- recovery		
Advance / Pre paid		
Adjusted (IIC) Sundries		
Charges		
Advance/Pre paid (Adjusted (Insurance))		
Total		

FORM 27

SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31st March.....

NOTES ON ACCOUNTS AND SIGNIFICANT ACCOUNTING POLICIES

1. CLASSIFICATION OF EXPENDITURES and REVENUE RECOGNITION
2. FIXED ASSETS AND DEPRECIATION

Sl.No.	ITEM	RATE OF DEPRECIATION
(1)	(2)	(3)
	(i) Building-(office)	10%
	(ii) Building-(Guest house)	05%
	(iii) Furniture and Fixtures	10%
	(iv) Vehicles	15%
	(v) Office Equipments	15%
	(vi) Computers	60%
	(vii) Miscellaneous Fixed Assets	15%
	(viii) Generators/Electrical Installations	10%
	(ix) Books	100%
	(x) Communication and Conference System	15%
	(xi) Heating and Cooling Equipment	10%
	(xii) Fire Safety Equipment	10%
	(xiii) Elevators	15%
	(xiv) Tube Wells and Water Sewerage System	10%

3. ACCOUNTING TREATMENT IN RESPECT OF FIXED ASSETS ACQUIRED OUT OF GRANT-IN-AID/EARNMARKED FUNDS

4. INVESTMENT

5. CORPUS/CAPITAL FUND

6. RETIREMENT BENEFITS/STAFF PENSION FUND

7. GENERAL PROVIDENT FUND

8. CONTIGENT LIABILITY

9. CHANGE OF ACCOUNTING POLICIES AND MATERIAL EFFECT

(PROPOSED STATEMENT)

10. While preparing the financial statement ,the principal of accrual system of accounting, concept of going concern, matching concept and consistency have been maintained.

11. The current assets includes postage stamp in hand, cash and bank balance, accrued interest, pre-paid expenses and which have a value on realization in the ordinary course of business equal at least to the aggregate amount shown in the Balance Sheet.

12. Previous year figure of Grant-in-aid A/c and Own Resources A/c have been regrouped wherever necessary.

13. Figures have been rounded off to nearest rupees.

FORM 27 (A)

NATIONAL NURSING AND MIDWIFERY COMMISSION, NEW DELHI
 RECEIPT AND PAYMENT ACCOUNT—GRANT IN AID, OWN RESOURCES, BUILDING FUND
 WORKSHOP FUND FROM 1ST APRIL..... TO 31ST MARCH.....

RECIPIENT	SCH	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	SCH	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OPENING BALANCE AS ON 1ST APRIL				ESTABLISHMENT SALARY and WAGES			
CASH and BANK				Pay			
GRANT IN AID				Grade Pay			
Own Res. With GRT				Non Practicing			
Total(1)				Allowance			
OWN RESOURCES				Deputation			
Own Res. SBA/c				Allowance			
FDRs with bank				Dearness Allowance			
Total(2)				House Rent			
BUILDING FUND and WORKSHOP FUND				Allowance			
Workshop A/c				Academic Allowance			
Saving Bank A/c				Transport Allowance			
FDR's with bank				Wages			
Total(3)				Personal and Special Pay			
G. Total(1+2+3)				Total(1)			
GRANT IN AID				OTHER ALLOWANCE			
OWN RES. UTILIZATION				Liveries			
Total				Washing Allowance			
RECOVERIES				Tution Fee			
SALARY and WAGES				Bonus to Staff			
Pay				OTA			
Dearness Allowance				Honorarium to Staff			
CCA				Sitting Fee			
Total(1)				Total(2)			
STAFF WELFARE				STAFF PROVIDENT FUND			
LTC to Staff				General Provident Fund			
CGHS				Total(3)			
Total(2)				STAFF WELFARE EXPENSES			
STAFF PROVIDENT				Re-imbursement of Medical Claim			
				CGHS			
				LTC to Staff			
				Reimbursement to News			

FUND Gen. Provident Fund Total(3)				Paper Total(4)			
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FORM 27 (B)

GRANT IN AID, OWN RESOURCES, BUILDING FUND WORKSHOP FUND FROM
1STAPRIL.....TO 31STMARCH.....

RECEIPT	SCH	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	SCH	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
EMPLOYEES RETIREMENT BENEFITS				EMPLOYEE RETIREMENT BENEFIT			
Encashment of Leave Gratuity to Staff				Encashment of Leave Gratuity to Staff			
Total(4)				Total(5)			
Total(1+2+3+4)				Total(1+2+3+4+5)			
INTEREST EARNED				PURCHASE OFASSETS			
INTEREST FROM BANK				Office Equipment Furniture and Fixture			
SB A/c No.				Sundries			
Investment (Own Res.)				Computer and Software			
Investment (Build.Fund)				Heating and Cooling Eqp.			
Total(1)				Vehicles			
INTEREST ON ADVANCE				Conference System			
Cycle Advance				Communication System			
Car Advance				Generator			
Scooter Advance				Tubewell			
HBA				Fire Fighting Systems			
Computer Advance				Total			
Total(2)				MAINTENANCE OFVEHICLE			
Total(1+2)				Staff Cars POL			

ADVANCE FEE				Total(1)			
Inspection Fee-UG				REPAIR and MAINTENANCE			
Registration FEE				Fire System Building			
Cert. Of Addl. Qualification				Communication System			
Cert. Of Good Standing				Conference System			
Eligibility Certificate Fee				Office Equipments			
Inspection Fee-PG				General Electrical			
Total(1)				Install Computer /Peripherals Furniture and Fixture Heating and Cooling Equip.			

FORM 27 (C)

GRANT IN AID, OWN RESOURCES, BUILDING FUND WORKSHOP FUND FROM 1ST APRIL..... TO 31ST MARCH.....

RECEIPT (1)	SCH (2)	CURRENT YEAR (3)	PREVIOUS YEAR (4)	PAYMENTS (5)	SCH (6)	CURRENT YEAR (7)	PREVIOUS YEAR (8)
FEES				Photocopier/Fax Elevators Total(2)			
Annual Insp. Fee				ADMIN EXPENSES			
Inspection .Fee(P.G.)				RMG Election Advertisement			
Addl. Inspection Fee				Stationery Telephone Postage Printing			
Inspection Fee OTH				Electricity and Water Legal/Professional Ch.			
Inspection Fee (NEWMC)				Hospitality Expenses			
Inspection Fee(H.C.)				Bank Charges (Own)			
Inspection Fee (Seats)				Bank Charges(GRT)			
Elective Training				Insurance of Office			
Registration of Dig./Dip Fee for Complete				Sundries Audit Fee			
Verification				Rent Rate and Taxes			
Recognition Fee for RTIIMR Fee				Membership to Other			
Migration Fee				Seminar and Workshop			
Eligibility				E-Governance Project			
Certificate Fee							
Certificate of Good Standing							
Registration Fee							
Certificate of additional Qualification							
Total(2)							

Total(1+2) OTHER Receipts Sale of Old Articles Quarter Rent Sundries Charges Sale of Tender Form Building Rent Misc. Receipt Sale of Publication Security Deposit Fee for Other Regn/Cert. Total				Total (3) TRAVELALLOWANCE Secy. and Staff Inspectors Foreign Visit Conveyance Ch. Others (Commission, Boards and Advisory Council)			
RECOVERIES and REFUND TRAVEL ALLOWANCE Gen. Body Foreign Visit Secy. and Staff Sub- Committee Inspector Others Total(1)				ADJUSTMENT Inspection Fee-UG Registration Fee Cert.of Addl.Quali Cert.of Good Standing Eligibility Cert. Fee Inspection Fee-PG Total(1)			

FORM 27 (D)

GRANT IN AID, OWN RESOURCES, BUILDING FUND WORKSHOP FUND FROM 1ST APRIL..... TO
31ST MARCH.....

RECEIPT	SCH	CURRENT YEAR	PREVIOUS YEAR	PAYMENT	SCH	CURRE NT YEAR	PREVI OUS YEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LOAN AND ADVANCE TO STAFF House Building Advance Car advance Computer advance Festival advance Scooter advance Cycle advance Total(2)				Other Payments Loan and Advance to Staff Car Advance House Building Advance Computer advance Festival advance Scooter advance Cycle advance Total(1)			
Recoveries and Adjustment – Adv. Pre-paid insurance Sundries Charges				Other Advances and prepaid expenses Electric Charges Sundries Chargers			

Total(3)				Total(2)			
Total(1+2+3)				Total(1+2)			
TDS and LIC				Refunds of Fee			
TDS on Contractors				Annual Insp. Fee			
TDS on Salary				Inspection Fee			
LIC Premium				Elective Training			
Total				Regn. of Dipg/Dip Fee for Comp. Verif. Recg. Fee for RTI			
				IMR Fee			
				Migration Fee			
				Eligibility Cert. Fee			
				Cert of Good Standing			
				Registration Fee			
				Cert of Addl Quali			
				Fee for other Regn Share to State Councils.			
				Total(1) Refunds			
				Others Security Deposits Total(2)			
				Total(1+2)			
				TDS and LIC			
				TDS on Contractors			
				TDS on Salary			
				LIC Premium			
				Total			
				Expenditure			
				CME			
				Revision and Print IMR			
				To Own Resources			
				Purchase of Equipments			
				Others			
				Total Contribution			
				Pension Fund Total			
				Bank Charges			
				Closing Balances			
				Cash and Bank			
				Grant in Aid			
				Own Res. With GRT			
				Total(1)			
				Own Resources			
				Own Res. S.B.A/c			
				Own Res. FDR,s			
				Total(2)			
				Building Fund and			

				Workshop Fund Workshop A/c Building Fund S.B.			
				A/c FDR's with Bank Total(3) Total(1+2+3)			
GRANDTOTAL				GRANDTOTAL			

FORM 27 (E)
PENSION FUND BALANCE SHEET AS ON 31.MARCH.....

Liabilities	Schedule	Current year	Previous year
(1)	(2)	(3)	(4)
Corpus/Capital Fund			
Total			
Assets			
Fixed assets			
Current Assets, Loan and Advances			
Total			
Accounts Officer			Secretary

FORM 27 (F)

SCHEDULE FORMING PART OF BALANCE SHEET FOR THE YEAR ENDED 31.MARCH.....

Schedule-1(Pension Fund)	Schedule	Current Year	Previous Year
(1)	(2)	(3)	(4)
CORPUS FUND			
Opening Balance (Corpus Fund)			
Add: Outstanding Pension as on March			
Total			
Schedule-2(Pension Fund)			
Cash at Bank (Saving A/c) Fixed deposit			
Accrued Interest			
Total			

FORM 27 (G)

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st.MARCH.....

Income	Current Year	Previous Year
(1)	(2)	(3)
Interest Received		
Add Accrued Interest for the year		
Less Accrued Interest—Opening Balance Contribution from Commission		
Total Income(A)		
Expenditure		
Commutation of Pension		
Pension distribution		
Outstanding Pension as on March		
Total Expenditure(B)		
Excess/ (Deficit) Tr. To Pension fund A/c(A-B)		

FORM 27 (H)

STAFF PENSION FUND FROM 1ST APRIL..... TO 31ST MATCH.....

RECEIPT	SCH	CURRENTYEAR	PREVIOUSYEAR	PAYMENTS	SCH	CURRENTYEAR	PREVIOUSYEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Opening Balance As on 1stApril				PENSION COMMUTATION			
FRD's WITH BANK				PENSION DISTRIBUTION			
SAVING BANK A/C				TOTAL			
TOTAL				INCOME TAX			
CONTRIBUTION				TOTAL			
TOTAL				Bank Charges			
INCOME TAX				TOTAL			
TOTAL				Bank Charges			
INTEREST				Total			
				CLOSING BAL. AS ON 31STMARCH			

SAVING BANK A/C				FDR'S WITH BANK SAVING BANK A/C			
TOTAL				TOTAL			
GRAND TOTAL				GRAND TOTAL			

FORM 27 (I)

STAFF PROVIDENT FUND FROM 1ST APRIL..... TO 31ST MARCH.....

RECEIPT	SCH	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	SCH	CURRENT YEAR	PREVIOUSYEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OPENING BALANCE AS ON 1STAPRIL							
FDR'S WITH BANK				WITHDRAWAL/P AY MENT			
SAVING BANK A/C				LOANS and ADVANCES			
TOTAL				REFUND TO COMMISSION			
RECOVERIES /SUBSCR OP TION				TOTAL			
RECOVERYOFADV.				BANKCHARGES			
SUBSCRIPTION				TOTAL			
CONTRIBUTION FROM COMMISSION				CLOSING BALANCE AS ON31STMARCH			
TOTAL				FDR'S WITH BANK			
INTEREST				SAVING BANK A/C			
FDR'S				TOTAL			
SAVINGBANKA/C							
TOTAL							
GRAND TOTAL				GRAND TOTAL			

FORM 27 (J)
**STAFF PROVIDENT FUND BALANCE SHEET AS ON 31ST
MARCH.....**

LIABILITIES	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)	(4)
Corpus Fund/Capital Fund			
Interest Payable to Commission			
Total			
ASSETS			
Fixed Assets			
Current Assets, Loan and Advances			
TOTAL			
Accounts Officer Secretary			

FORM 27 (K)
**STAFF PROVIDENT FUND SCHEDULE FORMING PART OF BALANCE
SHEET AS ON 31ST MARCH.....**

	Current Year	Previous Year
(1)	(2)	(3)
Schedule-1—GPF/EPFA/C		
PF—Corpus Fund Opening Balance		
Add:		
Subscription/Adv. Recovery Interest		
Paid to Subscriber		
Excess/(Deficit) of Income over Expenditure Loan recoverable		
Others		
TOTAL		
Less Withdrawal		
New Corpus Fund		
Schedule-2		
Interest Payable		
TOTAL		

Schedule—3—Current Assets		
Bank Balance and Fixed Deposit		
Accrued Interest		
Loan recoverable		
TOTAL		

FORM 27 (L)

STAFF PROVIDENT FUND INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH.....

INCOME	Current Year	Previous Year
(1)	(2)	(3)
Interest Earned		
Add: Accrued Interest for the year		
Less: Accrued Interest Opening Balance		
Commission Contribution		
Total		
Expenditure		
Bank Charges		
Interest paid to Subscriber		
Interest paid/payable to Commission A/c		
Total		
Excess/(Deficit) of Income over Expenditure Transfer to GPF A/c.		

FORM 27 (M)

STAFF PROVIDENT FUND FROM 1ST APRIL TO 31ST MARCH....

RECEIPT	SCH	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	SCH	CURRENT YEAR	PREVIOUS YEAR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OPENING BALANCE AS ON 1STAPRIL FDR'S WITH BANK				WITHDRAWAL/ PAYMENT			
SAVING BANK A/C				LOANS and ADVANCES REFUND TO COMMISSION TOTAL			
TOTAL RECOVERIES/ SUBSCROPTION RECOVERY OF ADV. SUBSCRIPTION				BANK CHARGES			
CONTRIBUTION FROM COMMISSION TOTAL INTEREST				TOTAL			
FDR'S SAVING BANK A/C				CLOSING BALANCE ASON 31STMARCH FDR'S WITH BANK			

TOTAL				SAVING BANK A/C TOTAL			
GRAND TOTAL				GRAND TOTAL			

THE SECOND SCHEDULE

[See rule 7(1)]

ANNUAL REPORT OF NATIONAL NURSING AND MIDWIFERY COMMISSION\

YEAR.....

1. INTRODUCTION
2. CONSTITUTION OF THE COMMISSION
3. COMMISSION
4. OBJECTIVES OF COMMISSION
5. FUNCTIONS OF THE COMMISSION
6. ADVISORY COUNCIL
7. RECOMMENDATIONS OF THE ADVISORY COUNCIL
8. AUTONOMOUS BOARDS
 - (A) Nursing and Midwifery Undergraduate and Postgraduate Education Board;
 - (B) Nursing and Midwifery Assessment and Rating Board and
 - (C) Nursing and Midwifery Ethics and Registration Board
9. ACTIVITIES OF VARIOUS BOARDS
10. APPEALS AGAINST BOARDS
11. GROWTH OF NURSING AND MIDWIFERY EDUCATION SYSTEM
 - (A) UNIVERSITIES / INSTITUTIONS / COLLEGES
 - (B) FACULTY STRENGTH
 - (C) STUDENT'S ENROLMENT
 - (D) RESEARCH DEVELOPMENT IN UNIVERSITIES / INSTITUTIONS
 - (E) CONDENSED STATISTICS ON GROWTH OF NURSING AND MIDWIFERY EDUCATION
12. ASSESSMENT OF HEALTH CARE INCLUDING HUMAN RESOURCES FOR HEALTH AND HEALTHCARE INFRASTRUCTURE AND ROAD MAP FOR ITS DEVELOPMENT.
13. WEBSITE
14. LEGAL MATTERS
15. VIGILANCE
16. RIGHT TO INFORMATION
17. ACCOUNTS AND ESTABLISHMENT
18. PUBLICATIONS
19. MISCELLANEOUS

Date:.....

[F. No. Z.16015/08/2023-N]

DR. VIPUL AGGARWAL, Jt. Secy.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ

ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ

((ಅಭೀಘಾ ಉಸ್ತಾನಿ))

ಸಹಾಯಕ ಪ್ರಾರೂಪಕಾರ ಮತ್ತು ಪದನಿರ್ಮಿತ್ತ

ಸರ್ಕಾರದ ಉಪ ಕಾರ್ಯದಾರೀ

ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು

ಶಾಸನ ರಚನೆ ಇಲಾಖೆ

PR-51

ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು ಶಾಸನ ರಚನೆ ಇಲಾಖೆ ಅಧಿಸೂಚನೆ

ಸಂಖ್ಯೆ: ಸಂವ್ಯಾತಾಜಿ 10 ಕೇನಿಪ್ಪು 2024

ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 08.08.2024.

ದಿನಾಂಕ: 06.06.2024 ರಂದು ಭಾರತ ಸರ್ಕಾರದ ಗೆಂಡಿಟ್‌ನ ವಿಶೇಷ ಸಂಚಿಕೆಯ Part-II-
Section-3 Sub Section (i)ರಲ್ಲಿ ಪ್ರಕಟವಾದ the Offshore Areas (Existence of Mineral
Resources) Rules, 2024 ರ ಸಾರ್ವಜನಿಕರ ಮಾಹಿತಿಗಾಗಿ ಕರ್ನಾಟಕ
ರಾಜ್ಯಪತ್ರದಲ್ಲಿ ಮರು ಪ್ರಕಟಿಸಲಾಗಿದೆ,-

MINISTRY OF MINES

NOTIFICATION

New Delhi, the 6th June, 2024

G.S.R. 315(E).—In exercise of the powers conferred by section 35 of the Offshore Areas Mineral (Development and Regulation) Act, 2002 (17 of 2003), the Central Government hereby makes the following rules, namely:—

- 1. Short title and commencement.**—(1) These rules may be called the Offshore Areas (Existence of Mineral Resources) Rules, 2024.
(2) They shall come into force on the date of their publication in the Official Gazette.
- 2. Application.**—These rules shall apply to all minerals except —
 - (i) mineral oils and hydrocarbons described in sub-section (1) of section 3 of the Act;
 - (ii) minerals specified in Part B of the First Schedule to the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) (having grade equal to or greater than the threshold value as notified by the Central Government from time to time).
- 3. Definitions.**— (1) In these rules, unless the context otherwise requires,—
 - (a) “**Act**” means the Offshore Areas Mineral (Development and Regulation) Act, 2002 (17 of 2003);
 - (b) “**conforming**” means conforming to the parameters specified in Schedule I as near as circumstances of each case may require;
 - (c) “**existence of mineral resources**” means the existence of mineral resources established as specified in rule 4, or rule 5, as the case may be;
 - (d) “**threshold value of minerals**” means the limits specified by the Indian Bureau of Mines from time to time based on the beneficability and marketability of a mineral for a given area and given time, below which the material obtained after mining may be discarded as waste;
 - (e) “**Schedule**” means a Schedule annexed to these rules;
 - (f) the expressions Reconnaissance Survey (G4), Preliminary Exploration (G3), General Exploration (G2), Detailed Exploration (G1), Reconnaissance Mineral Resource (334), Inferred Mineral Resource (333), Indicated Mineral Resource (332), Measured Mineral Resource (331), Probable Mineral Reserve (121 and 122), Proved Mineral Reserve (111), Feasibility Mineral Resource (211), Pre-Feasibility Mineral Resource (221 and 222), Modifying Factors, Geological Study (F3), Pre-Feasibility Study (F2), Feasibility Study (F1), Intrinsically Economic (E3), Potentially

Economic (E2) and Economic (E1) shall have the meanings as assigned to them in Part-I of Schedule-I.

(2) The words and expressions used in these rules, but not defined, shall have the same meanings, as assigned to them in the Act or the rules made thereunder.

4. Existence of mineral resources for grant of production lease.—An area shall be considered to be having existence of mineral resources in accordance with the second proviso of section 6 and sub-section (1) of section 13 of the Act for auction to grant production lease, if in respect of such area,—

- (a) at least General Exploration (G2) has been completed to establish Indicated Mineral Resource (332); and
- (b) a geological study report has been prepared conforming to Part IV of Schedule-I.

5. Existence of mineral resources for grant of composite licence.—(1) An area may be notified for auction to grant a composite licence in terms of section 12 of the Act, if, in respect of such area,—

- (a) at least Reconnaissance Survey (G4) has been completed to estimate Reconnaissance Mineral Resource (334) or mineral potentiality of the mineral block has been identified based on the available geoscience data but resources are yet to be established; and
- (b) a geological study report has been prepared conforming to Part IV of Schedule-I.

(2) Any person intending to obtain composite licence in respect of an area may submit a proposal to the administering authority in accordance with the provisions of section 12 of the Act in the format specified in Schedule-II along with available geoscience data and for the purpose to notify the area for auction to grant a composite licence.

(3) In order to identify mineral potentiality of an area based on the available geoscience data where resources are yet to be established as referred in clause (a) of sub-rule (1), including in any area proposed by any person under sub-rule (2), the administering authority shall place it before a committee consisting of the following members, namely:—

- (a) administering authority – Convenor;
- (b) Deputy Director General of Geological Survey of India (Marine and Coastal Survey Division) – Member;
- (c) Chief Mining Geologist, Indian Bureau of Mines – Member.

(4) On being satisfied of mineral potentiality of the area, the committee may recommend the area for notification for auction with such alteration in it as may be required or may reject it.

(5) The committee shall recommend or reject the proposal within a period of sixty days of its receipt by the administering authority and thereafter the administering authority shall notify the recommended area as suitable for auction within a period of sixty days of such recommendation.

(6) On completion of exploration operations under sub-section (3) and sub-section (5) of section 12 of the Act, geological study report shall be prepared by the licensee in accordance with the parameters specified in rule 4, which shall include at least a Pre-Feasibility Study Report to establish Probable Mineral Reserve (121 or 122) conforming to Part V of Schedule-I.

6. Relaxation.—Depending upon the local geological setup, mode of occurrence and nature of mineralisation, the administering authority, with the previous approval of the Central Government, may relax the exploration norms as specified in Part-III of Schedule-I, in whole or in part for any mineral or any area.

SCHEDULE-I

[See rules 3, 4, 5, 6]

The terms used, pertaining to levels of exploration and the category of resources and reserves achieved through various levels of exploration have been defined in Part-I of the Schedule-I. The parameters for establishing the existence of mineral content in an area in terms of quantity and grade have been specified in Part-II, Part-III, Part-IV and Part-V of the Schedule-I.

Part – I Definitions

The definitions and codes used in this Part are proposed following the United Nations Framework Classification (UNFC) and Committee for Mineral Reserves International Reporting Standards (CRIRSCO) Template and have been suitably modified to suit the needs of the country.

(a) Definition of stages of exploration:

The exploration for any mineral deposit involves four stages namely, Reconnaissance Survey (G4), Preliminary Exploration (G3), General Exploration (G2) and Detailed Exploration (G1) and these stages of exploration lead to four resource categories, namely, Reconnaissance Mineral Resource, Inferred Mineral Resource, Indicated Mineral Resource and Measured Mineral Resource respectively reflecting the degree of geological assurance, which are explained as follows:

Sl. No.	Stages of Exploration	Definition with explanation
1.	Reconnaissance Survey (Exploration) (G4) Quantity with grade estimated mostly based on regional seabed mapping supported by limited subsurface sampling and indirect existence.	Reconnaissance Survey (G4) identifies areas of enhanced mineral potential based primarily on results of regional seabed mapping comprising bathymetric survey, limited sub-bottom profiler, shallow seismic survey, study of wide spaced surface sediment samples and limited subsurface seabed samples for sedimentological and mineralogical data through laboratory studies.
2.	Preliminary Exploration (G3) Quantity with grade estimated with low level of confidence	Preliminary Exploration involves the initial delineation of an identified mineral deposit area of previous stage of exploration (G4) by furthering the exploration to extend and identify both laterally and vertically down (third dimension) of the ore body. The methods utilised may involve : detailed bathymetric survey carried out at closer spaced survey lines, close spaced sub-bottom profiler and / or shallow seismic survey, collection of core samples at closer interval, detailed study of samples for particle size distribution and mineral content for delineation of mineral bearing sediment unit both horizontally and vertically, chemical analysis of selected bulk samples for major oxides, trace elements including deleterious elements, REE (rare earth elements).
3.	General Exploration (G2) Quantity with grade estimated with moderate level of confidence	General Exploration involves increasing the geological confidence level and understanding style and mode of occurrence of mineralisation. Methods used may include multibeam bathymetric survey / swath bathymetry for detailed morphology of seabed, close spaced sub-bottom profiling and or shallow seismic profiling, sub-seabed sampling with deeper coring/drilling at further closer intervals (spacing may vary for each type of mineral depending upon its depositional characteristics), detailed study of samples for particle size distribution and mineral content for delineation of mineral bearing sediment unit both horizontally and vertically. Chemical analysis of selected bulk samples for major oxides, trace elements including deleterious elements, REE (rare earth elements) and selected bulk sampling for laboratory scale mineral beneficiation and estimation of mineral reserve if felt necessary. Collection of environmental parameters such as current, waves, wind, water quality, Total Suspended Solids (TSS) etc. The objective is to establish the main geological features of a deposit, giving a reasonable indication of continuity along lateral and vertical (third dimension) extensions which provide an initial estimate of size, shape, structure of mineralised zone, quantity and grade of the mineral deposit.
4.	Detailed Exploration (G1) Quantity with grade	Detailed Exploration involves the detailed three-dimensional delineation of a known mineral deposit which may be achieved through various studies that may include close spaced sub-bottom profiling and / or shallow

Sl. No.	Stages of Exploration	Definition with explanation
	estimated with high level of confidence	<p>seismic profiling for detailed sub-sea morphology, close spaced sub-seabed sampling with deeper coring/drilling (spacing may vary for each type of mineral depending upon its depositional characteristics), detailed study of samples with closer subsampling for particle size distribution and mineral content for delineation of mineral bearing sediment unit both horizontally and vertically.</p> <p>Chemical analysis of selected bulk samples for major oxides, trace elements including deleterious elements, REE (rare earth elements), collection of environmental parameters such as current, waves, wind, water quality, Total Suspended Solids (TSS) etc.</p> <p>Sampling locations are closely spaced such that size, shape, structure, quantity, grade and other relevant characteristics of the deposit are established with a high degree of confidence. Bench scale beneficiation tests involving bulk sampling may be required in certain cases to understand the recovery and any additional by products.</p>

(b) Definition of stages of feasibility study:

Sl. No.	Category	Definition with explanation
1.	Geological Study (F3)	A geological study involves reporting of all the exploration activities undertaken during each stage of exploration including the assessment of the mineral resources with quantity and grade. A preliminary economic evaluation of the deposit should be done based on the gathered field data and a comparison with the similar deposits already in operation. This is achieved by applying meaningful threshold values, cut off values for grade, thickness and depth of the mineralised zone.
2.	Pre-Feasibility Study (F2)	Pre-Feasibility Study is the study to demonstrate the possible techno-economic and socio-environmental viability of a mineral deposit through application of various modifying factors wherein a preferred production method has been ascertained including the mineral beneficiation method, if any. The study shall also include a preliminary financial analysis based on reasonable assumptions on the applicable modifying factors and the evaluation of any other relevant factors which are sufficient to convert all or part of the resources to reserves. The study should lead to part or whole of the Mineral Resource being converted to Mineral Reserve. A Pre-Feasibility Study has a lower confidence level than a Feasibility Study (wherein the cost estimates of the project will have $\pm 30\%$ degree of accuracy).
3.	Feasibility Study (F1)	Feasibility Study is a detailed comprehensive techno-economic and socio-environmental evaluation of a mineral deposit through application of various modifying factors to establish the technical feasibility, economic and financial viability of a mineral deposit. At this stage the preferred production method, beneficiation technology of the deposit has been adequately established with detailed assessments of the applicable modifying factors, relevant operational factors and detailed financial analysis to demonstrate that extraction is reasonably justified. It is expected that all Governmental clearances to start production operations are already in place at the time of reporting and where such clearances have not been obtained then such clearances are expected to be obtained in due course before commencement of production operation. The study may lead to part or whole of the Mineral Resource being converted to Mineral Reserve. The

Sl. No.	Category	Definition with explanation
		result of the study may reasonably serve as a basis for final decision by a proponent or financial institution to proceed with or finance the development of the project (wherein the cost estimates of the project will have $\pm 20\%$ degree of accuracy).
4.	Modifying Factors	Modifying Factors are those factors which are taken into consideration while conducting a prefeasibility or feasibility study to convert mineral resources to mineral reserves. These include but are not limited to production, processing, end use, cut-off grade, threshold value, metallurgical, infrastructure, economic, marketing, transportation, storage, legal, environmental, social, and Governmental factors.

(c) Definition of stages of economic viability:

Sl. No.	Category	Definition with explanation
1.	Intrinsically Economic (E3)	Quantities, reported in tonnes or volume with grade or quality, estimated by means of a Geological Study identified to be of intrinsic economic interest, implying that the resources identified may or may not have any immediate economic value. The economic viability of the resources is further ascertained through a Prefeasibility or feasibility study by application of appropriate modifying factors. The classes defined are Measured, Indicated, Inferred and Reconnaissance Mineral Resources.
2.	Potentially Economic (E2)	Quantities with grade reported by means of a Pre-feasibility (F2) or Feasibility (F1) Study in order of increasing accuracy, not justifying extraction under the prevailing technological, economic, environmental, and other relevant conditions, realistically assumed at the time of the determination, but possibly so in the future. The Potentially Economic (E2) Deposits are normally classified as Pre-feasibility Mineral Resources (F2) but sometimes as Feasibility Mineral Resources (F1) which are upgraded to indicated and measured resources.
3.	Economic (E1)	Quantities with grade identified on the basis of a Prefeasibility or Feasibility Study in order of increasing accuracy that justify extraction under the prevailing techno-economic, socio-environmental and other relevant conditions, realistically assumed at the time of the determination. The classes defined are Proved and Probable Mineral Reserves.

(d) Definition of classes of mineral resources and reserve:

Sl. No	Classes	Definition with explanation
1.	Mineral Resource	Mineral Resource is a concentration or occurrence of solid material in or on the earth's surface (seabed) for which quantities with grade or quality have been estimated based on certain geological considerations and understanding which may or may not have any immediate or near-term economic value but are assessed for their future prospective value.
2.	Reconnaissance Mineral Resource (334)	Reconnaissance Mineral Resources (334) are estimates of quantity and grade based on indirect existence including data and information generated through a reconnaissance survey, limited surface, and subsurface sampling

Sl. No	Classes	Definition with explanation
		data from within the exploration block or data extrapolated from nearby production or explored areas as may be required. The quantity and grade estimates have a lower level of confidence than that of inferred mineral resources.
3.	Inferred Mineral Resource (333)	<p>(1) Inferred Mineral Resource is the quantity with grade associated with a mineral deposit which can be estimated with a low level of confidence.</p> <p>(2) This is achieved through application of appropriate exploration techniques involving widely spaced seabed coring /drilling followed by appropriate sub-sampling and analysis, detailed morphology of seabed, sensor surveys like sub-bottom profiling and/or shallow seismic survey to assume geological continuity of the mineralised body, both laterally and vertically. Certain level of extrapolation beyond the sampling points may be allowed with suitable justification depending upon the type of deposit and its mode of occurrence to understand the ore body.</p> <p>(3) This resource cannot be converted to mineral reserve but may be upgraded to indicated mineral resource with additional information.</p>
4.	Indicated Mineral Resource (332)	<p>(1) Indicated Mineral Resource is the quantity with grade associated with a mineral deposit which can be estimated with a moderate level of confidence.</p> <p>(2) This is achieved through application of appropriate exploration techniques involving close spaced seabed coring/ drilling than the previous stage and / or shallow drilling, detailed morphology of seabed, closed spaced sensor surveys (sub-bottom profiling and/or shallow seismic survey) having spacing wider than that required for estimation of measured resources which ensures assumption of the geological continuity of the mineralised body, both laterally and vertically. This also includes the laboratory scale beneficiation studies if required to understand the recovery and by-products, if any.</p> <p>(3) Indicated Mineral Resource may be wholly or partly converted to Probable Mineral Reserve through a prefeasibility study by collecting more geological data, detailed economic assessment etc.</p>
5.	Measured Mineral Resource (331)	<p>(1) Measured Mineral Resource is the quantity with grade associated with a mineral deposit which can be estimated with a very high level of geological confidence.</p> <p>(2) This is achieved through application of appropriate exploration techniques involving sufficiently close spaced seabed coring/ drilling, shallow drilling followed by appropriate sub-sampling and analysis to ensure geological continuity of the mineralised body both laterally and vertically. Bench scale beneficiation studies if necessary, may be taken up to confirm the percentage recoverability with additional minerals, if any recovered.</p> <p>(3) Measured Mineral Resource may be wholly or partly converted to Proved or Probable Mineral Reserve through a feasibility or a prefeasibility study.</p>

Sl. No	Classes	Definition with explanation
6.	Mineral Reserve	Mineral Reserve is the economically mineable part of a Measured and/or Indicated Mineral Resource. It includes diluting materials and allowances for losses, which may occur when the material is mined or extracted. The quantity and grade of the Mineral Reserves is ascertained through suitable prefeasibility or feasibility study by application of appropriate Modifying Factors.
7.	Proved Mineral Reserve (111)	Proved Mineral Reserve is the economically mineable part of a Measured Mineral Resource. The quantity with grade is demonstrated to be economically mineable by means of a feasibility study. A Proved Mineral Reserve implies a high degree of confidence in the Modifying Factors.
8.	Probable Mineral Reserve (121 and 122)	(1) Probable Mineral Reserve is the economically mineable part of an Indicated, and in some circumstances, a Measured Mineral Resource. The quantity with grade is demonstrated to be economically mineable by means of a prefeasibility study. (2) The confidence in the Modifying Factors applying to a Probable Mineral Reserve is lower than that applying to a Proved Mineral Reserve.
9.	Feasibility Mineral Resource (211)	Feasibility Mineral Resource is that part of Measured Mineral Resource which is not economically mineable and has been defined by studies at feasibility level as appropriate that extraction is presently not justified. This material is identified as being possibly economically viable subject to changes in technological, economic, and environmental or other relevant conditions.
10.	Pre-Feasibility Mineral Resource (221 and 222)	Pre-feasibility Mineral Resource is that part of an Indicated Mineral Resource, and in some circumstances Measured Mineral Resource, which is not economically mineable and has been defined by studies at Pre-feasibility level as not appropriate for extraction at present. This material is identified as being possibly economically viable subject to changes in technological, economic, and environmental and/or other relevant conditions.

Part-II**Geological Parameters for exploration**

1.	<p>Geological Survey (Seabed Mapping): On 1:50,000 scale for Reconnaissance Survey (G4) stage in the Territorial Waters; 1:3,00,000 scale in the Exclusive Economic Zone for Reconnaissance Survey (G4) stage beyond Territorial Waters; on 1:50,000 or larger scale for Preliminary Exploration (G3) stage; 1:10,000 or larger scale for General Exploration (G2) stage; on 1:5,000 or larger scale for Detailed Exploration (G1) stage.</p> <p>Generally, this stage of mapping may involve bathymetry, sub-bottom profiling and /or shallow seismic profiling, seabed surface sampling at wider spacing, limited coring/ drilling of sub-seabed, water sampling, current measurement at Reconnaissance Survey at selected locations (G4) stage; intensification of all or some methods of surveys with closer spacing at Preliminary Exploration (G3) stage based on the results of (G4) stage; multibeam bathymetry / swath bathymetry, sub-bottom profiling / shallow seismic profiling at closer spacing, intensified coring/ shallow drilling of seabed at much closer spacing, bulk sampling, laboratory beneficiation studies, water sampling, current studies in target areas at General Exploration (G2) stage; much closer, deeper investigation with detailed sensor studies, bench level beneficiation at Detailed Exploration (G1) stage.</p>
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2.	<p>Technological: Exploration and sampling using appropriate techniques from locations on the seabed. The sampling locations are spaced suitably (in a grid pattern to the extent possible and may be modified depending on seabed morphological features) for establishing existence of mineral rich bodies and its lateral and vertical continuity. Part-III of the Schedule-I may be referred for further details.</p> <p>For Reconnaissance Survey (G4) stage sampling data from seabed may be used for assessment of resources, if possible.</p> <p>For General (G2) and detailed (G1) stages of exploration the depth continuity of mineralisation may be considered limited to the depth upto which direct existence of mineralisation is established.</p> <p>The lateral extension to be considered for resource assessment shall depend on geological considerations supplemented by geological continuity through mapping or other means and in any case shall not be more than 50% of the grid spacing of the probe points.</p> <p>Assessment based on selected information such as isolated samples and analysis is not recommended.</p>
3.	<p>Sampling and sub-sampling:</p> <ul style="list-style-type: none"> (a) Systematically wider spaced grab sampling, limited core sampling and sub-samples from core samples for reconnaissance stage. (b) Systematic sampling from core samples spaced closely enough and limited drill cores to confirm geological and grade continuity for other stages of geological assessment. (c) Geological logging and sampling of sediment core at regular interval, preferably at 1 meter or less for the whole core. (d) The drilling operation in offshore turbulent conditions is very critical and technique to be deployed shall depend on sea condition in general and weather conditions season wise. Core recovery depends upon the drilling equipment and stability of the floating platform. (e) The representative exploration samples, surface samples, cores shall be preserved, for future use.
4.	<p>Laboratory Tests: Chemical analysis of sediment and water samples.</p>
5.	<p>Sedimentological, Petrographic and Mineragraphic Studies: to ascertain the sediment grain size, sediment types, texture and minerals present and their assemblages.</p>
6.	<p>Bulk Density Study: The bulk density, porosity, shear strength, liquidity, compaction etc., must be measured by standard methods for geotechnical properties and slope stability for selected samples.</p>
7.	<p>Bulk Sampling for Beneficiation Studies: Bulk sampling if necessary for testing processing technology.</p>
8.	<p>Marine Environmental Setting: Current, wave, noise levels, deleterious elements if any present in the surface and sub-surface sediments,details about sea water quality, suspended solids, Total Dissolved Solids (TDS), salinity, temperature, Dissolved Oxygen (DO), Biological Oxygen Demand (BOD), Marine Biota etc. and any other data as may be required by the Ministry of Environment, Forest and Climate Change for environmental impact assessment studies may be taken up at G2 Stage of investigation.</p>
9.	<p>Any other data that may be relevant including geotechnical and slope stability studies.</p>

Part-III
Exploration Norms for different types of deposits and Minerals

Types of Deposits & Principal Minerals

- I. **Construction Grade Silica Sand** (seabed sediments with quantities of construction grade silica sand that occurs on the continental shelf as blanket deposit formed along the palaeo strand plains or as channel fills in drowned rivers, estuaries, etc.).

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(a) Bathymetric map in 1:50,000 scale prepared with single beam echo sounder or spot depth measurement at appropriate intervals and tie lines.	Bathymetric map in 1:50,000 scale prepared with single beam echo sounder measurement at 500 m or lesser intervals and tie lines at appropriate intervals.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Multibeam Bathymetric map in 1:5,000 scale, Images with MBES (Multi Beam Eco Sounder) backscatter data also to be submitted.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Bathymetric map in 1:2,500 scale. Images with MBES backscatter data also to be submitted.
(b) One or more shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 2 km interval, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 1 km interval, presented in a horizontal scale of 1:5,000 and vertical scale of 1:1,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 500 m interval, presented in a horizontal scale of 1:2,500 and vertical scale of 1:500 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 500 m interval, presented in a horizontal scale of 1:2,500 and vertical scale of 1:500 scale.
(c) Seabed sampling using grab or any other device at 5 x 5 km grid spacing.	Seabed sampling using suitable corer or any other device at 2 X 2 km grid spacing extending to a depth upto at least 4 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided into 1 m interval from top.	Seabed sediment / rock sampling using suitable corer or any other device at 1,000 m X 1,000 m grid spacing extending to a depth upto at least 6 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided into 1 m interval from top.	Seabed sediment / rock sampling using suitable corer or any other device at 500 X 500 m grid spacing extending to a depth upto at least 6 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided in to 1 m interval from top.
(d) Sedimentological/ petrological and mineralogical analysis of the sample to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content (weight percentage in bulk sample), nature of occurrence etc.
(e) Chemical analysis of the bulk sediments/ rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth.

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(f) Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration. (g) The activities as above or less than that required for Preliminary Exploration (G3) stage.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present in the survey area. The activities as above or less than that required for General Exploration (G2) stage.	Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest. Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration. The activities as above or less than required for Detailed Exploration (G1) stage. Analysis of samples, exploratory production and preliminary environmental impact assessment studies.	Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest. Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present.

II. Non-Construction Grade Calcareous Sand(seabed sediments with quantities of calcareous materials like, shell, shell fragments and other biogenic material transported or indigenously formed or chemically precipitated sediments).

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(a) Bathymetric map in 1:50,000 scale prepared with single beam echo sounder or spot depth measurement at appropriate intervals and tie lines.	Bathymetric map in 1:50,000 scale prepared with single beam echo sounder measurement at 500 m or lesser intervals and tie lines at appropriate intervals.	Multibeam bathymetric survey with seamless coverage having 50 % side overlap between adjacent lines. Multibeam Bathymetric map in 1:5,000 scale, Images with MBES backscatter data also to be submitted.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Bathymetric map in 1:2,500 scale, Images with MBES backscatter data also to be submitted.
(b) One or more shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 2 km interval, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 1 km interval, presented in a horizontal scale of 1:5,000 and vertical scale of 1:1,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 500 m interval, presented in a horizontal scale of 1:2,500 and vertical scale of 1:500 scale.
(c) Seabed sampling using grab or any other device at 5 x 5 km grid spacing.	Seabed sampling using suitable corer or any other device at 2 X 2 km grid spacing extending to a depth upto at least 4 mts or till the depth of mineralisation whichever is less.	Seabed sediment / rock sampling using suitable corer or any other device at 1,000 m X 1,000 m grid spacing extending to a depth upto at least 6mts or till the depth of mineralisation	Seabed sediment / rock sampling using suitable corer or any other device at 500 X 500 m grid spacing extending to a depth upto at least 6mts or till the depth of mineralisation whichever

G4 Stage	G3 Stage	G2 Stage	G1 Stage
	Core samples are to be subdivided into 1 m interval from top.	whichever is less. Core samples are to be subdivided into 1 m interval from top.	is less. Core samples are to be subdivided into 1 m interval from top.
(d) Sedimentological/ petrological and mineralogical analysis of the sample to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.
(e) Chemical analysis of the bulk sediments/ rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.
(f) Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present in the survey area.	Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present.
(g) The activities as above or less than that required for Preliminary Exploration (G3) stage.	The activities as above or less than that required for General Exploration (G2) stage.	The activities as above or less than required for Detailed Exploration (G1) stage. Analysis of samples, exploratory production and preliminary environmental impact assessment studies.	

III. Calcareous Mud also known as Lime Mud(seabed sediments with quantities of loose mud or sand sized calcium carbonate sediments consisting mainly of ooids and minor amounts of skeletal matter and mud aggregates).

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(a) Bathymetric map in 1:50,000 scale prepared with single beam echo sounder or spot depth measurement at appropriate intervals and tie lines.	Bathymetric map in 1:50,000 scale prepared with single beam echo sounder measurement at 500 m or lesser intervals and tie lines at appropriate intervals.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Multibeam Bathymetric map in 1:5,000 scale, Images with MBES	

G4 Stage	G3 Stage	G2 Stage	G1 Stage
		backscatter data also to be submitted.	
(b) One or more shallow seismic profiles / seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 2 km interval, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 1 km interval, presented in a horizontal scale of 1:5,000 and vertical scale of 1:1,000 scale.	
(c) Seabed sampling using grab or any other device at 5 x 5 km grid spacing.	Seabed sampling using suitable corer or any other device at 2 X 2 km grid spacing extending to a depth upto at least 4 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided into 1 m interval from top.	Seabed sediment / rock sampling using suitable corer or any other device at 1,000 m X 1,000 m grid spacing extending to a depth upto at least 10 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided into 1 m interval from top.	Seabed sediment / rock sampling using suitable corer or any other device at 500 m X 500 m grid spacing extending to a depth upto at least 10 mts or till the depth of mineralisation whichever is less. Core samples are to be subdivided into 1 m interval from top.
(d) Sedimentological/ petrological and mineralogical analysis of the sample to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content (weight percentage in bulk sample), nature of occurrence etc.
(e) Chemical analysis of the bulk sediments/ rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.	Chemical analysis of the bulk sediments/rock and constituent minerals of economic importance for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.
(f) Synthesis of all available data to identify various minerals in the survey areas	Synthesis of all available data to interpret the nature and quantity/ grade of the	Synthesis of all available data to identify various minerals in the survey areas	Synthesis of all available data to interpret the nature and quantity/ grade of the

G4 Stage	G3 Stage	G2 Stage	G1 Stage
and their prospective locations for further exploration.	minerals present in the survey area.	and their prospective locations for further exploration.	minerals present.
(g) The activities as above or less than that required for Preliminary Exploration (G3) stage.	The activities as above or less than that required for General Exploration (G2) stage.	The activities as above or less than required for Detailed Exploration (G1) stage. Analysis of samples, exploratory production and preliminary environmental impact assessment studies.	

IV. Phosphatic Sediments (seabed sediments/ concretions/ nodules / encrustations, etc. with P2O5 in them in quantities formed biologically or by precipitation from sea water).

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(a) Bathymetric map in 1:50,000 scale prepared with single beam echo sounder or spot depth measurement at appropriate intervals and tie lines.	Bathymetric map in 1:50,000 scale prepared with single beam echo sounder measurement at 500 m or lesser intervals and tie lines at appropriate intervals.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Multibeam Bathymetric map in 1:5,000 scale, Images with MBES backscatter data also to be submitted.	
(b) One or more shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 2 km interval, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at 1 km interval, presented in a horizontal scale of 1:5,000 and vertical scale of 1:1,000 scale.	
(c) Seabed sampling using grab or any other device at 5 x 5 km grid spacing.	Seabed sampling using suitable corer or any other device at 2 X 2 km grid spacing extending to a depth upto at least 4 mts or till the depth of mineralisation whichever is less.	Seabed sediment / rock sampling using suitable corer or any other device at 1,000 m X 1,000 m grid spacing extending to a depth upto at least 10 mts or till the depth of mineralisation whichever is less.	Seabed sediment / rock sampling using suitable corer or any other device at 500 X 500 m grid spacing extending to a depth upto at least 10 mts or till the depth of mineralisation whichever is less.
	Core samples are to be subdivided into 1 m interval from top.	Core samples are to be subdivided into 50 cm interval from top.	Core samples are to be subdivided into 50 cm interval from top.
(d) Sedimentological/ petrological and mineralogical analysis of the sample to identify various mineral constituents their size range and content (weight Percentage in bulk	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range, sediment type and content

G4 Stage	G3 Stage	G2 Stage	G1 Stage
sample), nature of occurrence etc.	percentage in bulk sample), nature of occurrence etc.	(weight percentage in bulk sample), nature of occurrence etc.	(weight percentage in bulk sample), nature of occurrence etc.
(e) Chemical analysis of the bulk sediments/ rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock for major oxides and trace elements/REE to determine whether the sediment is falling in this category.	Chemical analysis of the bulk sediments/rock and constituent minerals for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.	Chemical analysis of the bulk sediments/rock and constituent minerals for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.
(f) Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present in the survey area.	Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present.
(g) The activities as above or less than that required for Preliminary Exploration (G3) stage.	The activities as above or less than that required for General Exploration (G2) stage.	The activities as above or less than that required for Detailed Exploration (G1) stage. Analysis of samples, exploratory production and preliminary environmental impact assessment studies.	

V. Deep Sea Minerals, REE (rare earth elements) Minerals, Hydrothermal Minerals/ Iron Manganese Crusts and Nodules (seabed sediments with concentration of metals and minerals formed in the deep sea by chemical precipitation directly from sea water and/or diagenetic process or through hydrothermal solutions emanating from subsea bed in amounts).

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(a) Bathymetric map in 1:50,000 scale prepared with single beam echo sounder or spot depth measurement at appropriate intervals and tie lines.	Bathymetric map in 1:50,000 scale prepared with single beam echo sounder measurement at 500 m or lesser interval and tie lines at appropriate interval.	Multibeam bathymetric survey with seamless coverage having 50% side overlap between adjacent lines. Multibeam Bathymetric map in 1:5,000 scale, Images with MBES backscatter data also to be submitted. The slope map and ruggedness index map are to be prepared in the surveyed area.	Gamma ray meter survey at suitable interval to detect buried crust and nodules. Estimation of Fe-Mn crust/nodule coverage per sq.m by suitable methodology.
(b) One or more sub-bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks, presented in a	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at	Shallow seismic profiles / sub bottom profiler across the block indicating the disposition of subsurface sedimentary units/ rocks at	

G4 Stage	G3 Stage	G2 Stage	G1 Stage
horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	2 km x 2 km interval, presented in a horizontal scale of 1:50,000 and vertical scale of 1:10,000 scale.	1 km interval, presented in a horizontal scale of 1:5,000 and vertical scale of 1:1,000 scale.	
(c) Seabed sampling using grab or any other device at 5 x 5 km grid spacing.	Seabed sampling using suitable corer or any other device at 2x2 km grid spacing extending to a depth upto at least 1 mt or till the depth of mineralisation whichever is less.	Seabed sediment / rock sampling using suitable device at 1,000 m X 1,000 m grid spacing extending to a depth upto at least 1 mt or till the depth of mineralisation whichever is less.	Seabed sediment / rock sampling using suitable device at 500 X 500 m grid spacing extending to a depth upto at least 1 mt or till the depth of mineralisation whichever is less.
(d) Videography at least in 5x5 km at selected locations.	Videography at least in 2 x 2 km at selected locations.	Collection of bulk samples by grabbing dredging for beneficiation study/ testing processing technology. Collection of environmental parameters such as current, waves, wind, water quality, TSS etc.	Collection of bulk sample by grabbing, dredging for beneficiation study/ testing processing technology. Collection of environmental parameters such as current, waves, wind, water quality, TSS etc. Collection of samples and data on environmental impact analysis.
(e) Sedimentological/ petrological and mineralogical analysis of the sample to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.	Sedimentological/ petrological and mineralogical analysis of the sediment/ rock to identify various mineral constituents their size range and content (weight percentage in bulk sample), nature of occurrence etc.
(f) Chemical analysis of the bulk sediments/ rock for major oxides and trace elements/REE to determine the mineral occurrence.	Chemical analysis of the bulk sediments/rock for major oxides and trace elements/REE to determine the mineral content.	Chemical analysis of the bulk sediments/ rock and constituent minerals for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation studies of sediments/rock for assessing the content of mineral/metal of interest.	Chemical analysis of the bulk sediments/rock and constituent minerals for evaluating the composition of the mineral and its economic worth. Laboratory scale beneficiation/extraction of metals, studies of sediments/rock for assessing the content of mineral/metal of interest.

G4 Stage	G3 Stage	G2 Stage	G1 Stage
(g) Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present in the survey area.	Synthesis of all available data to identify various minerals in the survey areas and their prospective locations for further exploration.	Synthesis of all available data to interpret the nature and quantity/ grade of the minerals present.
(h) The activities as above or less than that required for Preliminary Exploration (G3) stage.	The activities as above or less than that required for General Exploration (G2) stage.	The activities as above or less than required for Detailed Exploration (G1) stage. Analysis of samples, exploratory production and preliminary environmental impact assessment studies.	

Note: The grid spacings given in this part are indicative. A closer spacing may be necessary depending upon the geological complexity of the deposit.

Part IV

Reporting of Mineral Resources

Standard Template for a Geological Study Report which shall also form a part of the Pre-Feasibility or Feasibility Report

1. A Geological Study Report for estimation and reporting of Mineral Resources integrating all data of exploration, sampling and testing generated through marine geophysical, geochemical, geological surveys, marine environment and technological study shall be undertaken for every stage of exploration, i.e., from G4 to G1 for assessing the resources.
2. Mineral resource assessment is normally a collective effort involving a multidisciplinary approach. It is expected that individuals/ subject matter experts involved in each part of the report preparation are given due credit for that part with proper acknowledgement in the report and also, they are willing to take due responsibility regarding the accuracy and authenticity of that part. However, the final responsibility of the report shall lie with the lead expert or a group of experts who, after proper due diligence of all the parts of the report have arrived at the final estimation of the resources and reserves and are convinced about the methodology and processes followed in arriving at the resource estimates. These experts taking the final responsibility for the report shall be referred to as the qualified persons and shall certify the report by signing off the report with their credentials.

Sl. No.	Criteria with parameters of reporting	
1.	Executive Summary <ul style="list-style-type: none"> (i) The executive summary shall include details about the location of the mineral deposit, purpose of the mineral investigation and the stage of the exploration, brief geology, mineralisation, exploration plan with spacing of the sample points, depth of exploration and whether the mineralisation extends beyond the depth of direct existence. Outcome of the exploration studies including the quantity of resources identified with grade and quality under various classes. (ii) The summary shall also include observation on the issues regarding the future plan or strategy for the deposit including amenability for production of the deposit based on present technological, environmental, social and market conditions. 	
2.	Details of the Qualified Person(s) / Exploration Agency (To be provided separately for all the qualified persons signing off the report)	

Sl. No.		Criteria with parameters of reporting
	(i)	(a) Name: (b) Address: (c) Contact Mobile No: (d) E-Mail id: (e) Qualification: (f) Experience: (g) Affiliation to any organisation/ company, if yes, specify the name of the organisation or company:
	(ii)	Details of qualification and experience of persons associated with various aspects of exploration assessment of resources and reserves
3.		Title and ownership (i) Name of the holder of operating right (ii) Address: (iii) Telephone No: (iv) E-Mail id: (v) Details of period of operating right, if any: (vi) In case of a license or lease: (a) Date of grant: (b) Date of execution: (c) Period of license or lease: (d) Date of completion:
4.		Details of the area under Study (i) Coast/ Sea (ii) Offshore Region (iii) Nearest Coastal Location (iv) Area in sq. km (v) Water depth (m) (vi) Nearest Harbour/Port (vii) Nearest Major Rail Head on land (viii) Nearest Airport (ix) Name of the nearby village(s) / NHO (Naval Hydrographic Office) Chart No. of the area, Differential Global Positioning System (DGPS) coordinates of all corner points of the area and sampling points in latitude and longitude (Degree Minutes Second) format WGS-84 Datum (x) Mineral(s) under investigation or granted under license or lease applied for
5.		Seabed Morphology, Connectivity and Demographic Data <i>(Data to be furnished from the area and nearby coast)</i> (i) Relief of the area / seabed with minimum and maximum water depths (ii) Biotope map of the seabed showing critical marine habitats such as corals, seagrasses etc., if any. (iii) Commercial fishing grounds in the area, if any (iv) Flora and Fauna within in the coastal tract and area (v) Water bodies such as river, nala, stream, etc., joining the sea nearby (vi) Climatic conditions of adjacent coastal area: (a) Temperature (annual) min____max____Avg____ (b) Rain fall (annual) min____max____Avg____ (c) Humidity (annual) min____max____Avg____

Sl. No.		Criteria with parameters of reporting
	(vii)	Any other physiographic, social and environmental factor having potential to affect the viability of the project and assessment of resources and reserves.
6.		Infrastructure
	(i)	Local infrastructure with roads, railways, port facilities, fisheries, harbour, electricity, water etc. nearby from the area. Details of nearby industries in the area which may use the mineral commodity likely to be mined.
7.		Geology
	(i)	Brief regional geomorphology/seabed morphology of the area outlining the broad geological and structural framework.
	(ii)	A discussion on the type of deposit based on the style of mineralisation and minerals under investigation. Suggested exploration / production plan with spacing of the sampling points and depth of exploration commensurate with the stage of exploration.
8.		Previous Exploration
	(i)	Name and address of holder of operating right involved in the exploration of the area with year and period of exploration (if more than one agency is involved details to be given separately for each agency)
	(ii)	Brief details of the exploration carried out (to be given separately for each agency)
	(iii)	Reserves or resources estimated, if any, during the previous exploration campaign with quantity and grade under various categories
9.		Marine geophysical or geochemical data
	(i)	Details of marine geophysical and geochemical survey taken up and their results.
10.		Exploration undertaken till now
	(i)	Details of sample points (surface and sub-surface) along with geographical co-ordinates.
	(ii)	Data spacing for reporting of exploration results: Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the mineral resource estimation procedure(s) and classifications applied.
11.		Location of data point
	(i)	Accuracy and quality of surveys used to determine the coordinates of sample points, bathymetric surveys and geophysical surveys used in mineral resource estimation.
12.		Sampling technique
	(i)	Nature and quality of sampling (grab, core / drill core and water sampling) and measures taken to ensure sample representation.
13.		Coring technique and core sampling employed
	(i)	Corer type (eg. core, gravity corer (gravity core), vibrocorer (vibrocoring), piston corer (piston core), box corer (box core), spade corer (spade core) etc.) and details (eg. core diameter, core length).
	(ii)	Logging - Whether cores have been logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.
14.		Sub-sampling techniques and sample preparation
	(i)	(a) If core, whether cut or sawn and whether quarter, half or all cores taken and whether sampled wet or dry. (b) For all sample types, the nature, quality and appropriateness of the sample preparation technique.
	(ii)	Quality control procedures adopted for all sub-sampling stages to maximise representation of samples.

Sl. No.		Criteria with parameters of reporting
	(iii)	Measures taken to ensure that the sampling is representative of the in-situ material collected.
	(iv)	Whether sample sizes are appropriate to the grain size of the material being sampled.
15.	Mineralogical Analysis, Petrological Studies and Sedimentological Analysis	
	(i)	(a) Method of study of Mineralogy. (b) Nature of quality control procedures adopted (eg. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. (c) Security and chain of control of samples should be clearly mentioned.
16.	Beneficiation studies as may be required	
	(i)	Details of beneficiation studies carried out at laboratory scale of bench scale involving bulk sampling tests to understand and suggest technological factors for optimum recovery of explored mineral commodity, any additional by-products or co-products that may be available in the sediment also be discussed. The detailed flow sheet with yield recovery factors to be discussed
17.	Resource estimation techniques	
	(i)	Discussion on sufficient data density to assure continuity of mineralisation and synthesis of adequate data base for estimation procedure used.
	(ii)	Discussion on the baseline marine ecology, biotope map, potential impacts of production on marine life and mitigation measures.
	(iii)	Whether previous exploration data has been used and integrated with the current exploration data for assessment of the updated resources.
	(iv)	The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters, maximum distance of extrapolation from data points.
	(v)	The basis for the classification of the mineral resources into varying confidence classes.
	(vi)	The assumptions made regarding recovery of by-products.
	(vii)	Detailed description of the method used and the assumptions made to estimate tonnages and grades (section, polygon, inverse distance, geostatistical, or other method).
	(viii)	Description of how the geological interpretation was used to control the resource estimates.
	(ix)	Discussion of any computer software was used for estimation of resources then name of the software with the version and method chosen, description of programmes and parameters used.
	(x)	Geostatistical methods are extremely varied and should be described in detail. The method chosen should be justified. The geostatistical parameters, including the variogram, and their compatibility with the geological interpretation should be discussed. Experience gained in applying geo-statistics to similar deposits should be taken into account.
	(xi)	Data verification or validation procedures used, including peer review report.

Sl. No.		Criteria with parameters of reporting
18.		Reporting of resources
	(i)	Basis of reporting of resources into various classes. The criteria and methods used for the classification to be specified. The quantities with grades, for each class are to be specified. The average grade under each class is to be specified. Grade wise classification should also be reported under suitable cases. In the case of metallic deposits such as gold, precious metals and base metals the metal content is to be specified and resources should be estimated at various cut off grades. Factor, if any, applied to take care of the confidence level from the actual estimates should also be specified. The inferred, indicated and measured resources should be highlighted in a table.
19.		Summary and recommendations
	(i)	<p>(a) A discussion on the outcome of the exploration work detailing the nature of the deposit, the dimension of the deposit, general structural trend, depth of occurrence and depth up to which exploration has been done, possibility of continuity of mineralisation beyond the depth of exploration and future exploration requirements, if any.</p> <p>(b) The resources estimated under various classes with grade.</p> <p>(c) The possibility of economic extraction based on present technological, environmental, social and market conditions.</p> <p>(d) Hindrances, if any, anticipated in the economic extraction of the deposit.</p>
	(ii)	Discussion on the suggested future plan or strategy for the deposit for further exploration and production.
20.		Plates and maps
	(i)	Location plan of the area showing bathymetry of the area nearby the project site based on legacy data.
	(ii)	Seabed morphology of the adjoining area from the available legacy data.
	(iii)	Surface sedimentological map, bathymetric map, on appropriate scale showing reliable with Differential Global Positioning System (DGPS) - global coordinates of the location of surface and core samples. If the area or part of it has been covered under exploration earlier, then the same with the location details should be shown in a map in appropriate scale.
	(iv)	Cross sections at suitable intervals showing vertical projections of litho-units and mineralisation.
	(v)	Biotope map of the project area seabed.
21.		Annexures or enclosures to the Report
	(i)	The report shall include all relevant data including maps, sections, logs, analysis reports, photographs, etc., in support of the estimates made.
	(ii)	In case of a composite license, all relevant orders of grant, execution of license, shall also form part of the report.
22.		Any other information as may be available or required by any authority as prescribed.

Part-V**CONTENTS OF PRE-FEASIBILITY AND FEASIBILITY REPORT**

Criteria for Prefeasibility or Feasibility Report for Estimation and Reporting of Mineral Reserves (the criteria listed in the geological study report shall also constitute an integral part of this template).

Sl. No.	Contents	Explanation
1.	Mineral Resource estimate for conversion to Mineral Reserve	<ul style="list-style-type: none"> - Description of Mineral Resource estimate used as a basis for the conversion to a Mineral reserve. - Clear statement as to whether the Mineral Resources are reported additional to or inclusive of the Mineral Reserves. - The type and level of study undertaken to enable Mineral Resources to be converted to Mineral Reserves i.e. Prefeasibility/Feasibility level.
2.	Cut-off grade or quality parameters	<ul style="list-style-type: none"> - The basis of the adopted cut-off grade(s) or quality parameters applied, including the basis, if appropriate, of equivalent metal formulae and the threshold values prescribed.
3.	Production factors or assumptions.	<ul style="list-style-type: none"> - The method and assumptions used to convert the Mineral Resource to a Mineral Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design supported with Conceptual plan for production). - The choice of the nature and the appropriateness of the selected production method(s), the size of the selected production unit (length, width, height) and other production parameters including associated design issues such as pre-strip, access, etc. - The assumptions made regarding geotechnical parameters (eg. slope stability, etc.), grade control and pre-production dredging. - The major assumptions made and Mineral Resource model used for seabed exploration, dredging (if appropriate). - The production dilution factors, production recovery factors, and minimum production widths used. - The infrastructure requirements of the selected production methods. Where available, the historic reliability of the performance parameters.
4.	Metallurgical factors or assumptions	<ul style="list-style-type: none"> - The metallurgical process proposed and the appropriateness of that process to the type of deposit. - The nature, amount and representativeness of metallurgical test work undertaken and the metallurgical recovery factors applied. - Any assumptions or allowances made for deleterious elements. - The existence of any bulk sample or pilot scale test work and the degree to which such samples are representative of the ore body as a whole. - The tonnages and grades reported for Mineral Reserves should state clearly whether these are in respect of material to the plant or after recovery. - Comment on existing plant and equipment, including an indication of replacement and salvage value.
5.	Cost and revenue factors	<ul style="list-style-type: none"> - The derivation of, or assumptions made, regarding projected capital and operating costs. - The assumptions made regarding revenue including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, etc. - The allowances made for royalties payable. - Basic cash flow inputs for a stated period. - Yearly planned production, Net Present Value (NPV) and Internal Rate of Return (IRR) of the deposit, intrinsic value of the deposit based on annual projected production.
6.	Market assessment	<ul style="list-style-type: none"> - The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.

Sl. No.	Contents	Explanation
		<ul style="list-style-type: none"> - A customer and competitor analysis along with the identification of likely market windows for the product. - Price and volume forecasts and the basis for these forecasts. - For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.
7.	Other modifying factors	<ul style="list-style-type: none"> - The effect, if any, of natural risk, infrastructure, environmental, legal, marketing, social or governmental factors on the likely viability of a project and/or on the estimation and classification of the Mineral Reserves. - The status of titles and approvals critical to the viability of the project, such as production leases, discharge permits, Government and statutory approvals. - Environmental descriptions of anticipated liabilities. Location plans of mineral rights and titles.
8.	Classification	<ul style="list-style-type: none"> - The basis for the classification of the Mineral Reserves into varying confidence categories. - Finalisation of estimates of grade wise mineable quantities in contemplation with proposed preliminary mine design/conceptual plan subject to all necessary approvals/contracts have been confirmed or there are reasonable expectations that all such approvals/contracts will be obtained within a reasonable timeframe and with certification that Economic viability is not affected by short-term adverse market conditions provided that longer-term forecasts remain positive.
9.	Mineral Beneficiation and Environmental Protection	<ul style="list-style-type: none"> - Brief methodology for carrying out production, beneficiation and waste disposal. - Brief on measures to be adopted for environmental protection during production, beneficiation and waste disposal. - Brief description on baseline marine environmental condition including marine flora and fauna, potential impacts of production and suggested mitigation measures. - Details of availability of technical personnel for all operations.
10.	Certificate from the qualified Person	Name, date & signature

SCHEDULE II

[See rule 5(2)]

FORMAT FOR SUBMITTING PROPOSAL FOR AUCTION OF AN AREA FOR GRANT OF COMPOSITE LICENCE

To,

The Administering Authority,

[*]

Madam/ Sir,

Under the provision of sub-rule (2) of rule 5 of the Offshore Areas (Existence of Mineral Resources) Rules, 2024, I/we am/are submitting the following details and other particulars of the area for consideration of the administering authority for auction of composite licence in respect of the area. It is submitted that I/we intend to participate in auction of composite licence in respect of the said area.

1. Name and Address of the Applicant

(a)	Name:	
(b)	Postal address:	
(c)	Telephone Number (Office):	
(d)	Fax number (Office):	

(e)	Mobile No.:	
(f)	Telephone Number (Residence):	
(g)	E-Mail address:	

2. Location Details of the Area Proposed for Auction

a)	NHO Chart No.	
b)	Area in sq. km.	
c)	Number of standard blocks included in the block area	
d)	Boundary coordinates of the proposed block (in Decimal degree)	
e)	Coast/ Sea	
f)	Offshore Region	
g)	Nearest Coastal Location	
h)	Water depth (m)	
i)	Nearest Harbour/ Port	

3. Mineral Potential of the Area

(a)	Name of Mineral(s) identified/ expected in the area/ block	
(b)	Basis on which mineral potential in the area has been identified	
(c)	List of documents and references relied upon in support of item (b) above.	

4. Documents to be enclosed with the application

- i) Location of the proposed block demarcated on NHO Chart No.
- ii) Documents mentioned in item 3(c) above.

Place:

Date:

[F. No M.VI-1/7/2023-Mines-VI]
Dr. VEENA KUMARI DERMAL, Jt. Secy.

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ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಸೋಮವಾರ, ೧೯, ಆಗಸ್ಟ್, ೨೦೨೪

೮೩೩

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆದೇಶಾನುಸಾರ

ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ

(ಅಧೀಕ್ಷಾ ಉಸ್ತಾನಿ)

ಸಹಾಯಕ ಪ್ರಾರೂಪಕಾರ ಮತ್ತು ಪದನಿರ್ವಿತ್ತ

ಸರ್ಕಾರದ ಉಪ ಕಾರ್ಯದಾರೀ

ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು ಮತ್ತು

ಶಾಸನ ರಚನೆ ಇಲಾಖೆ

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